

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|             |   |                 |                                 |
|-------------|---|-----------------|---------------------------------|
| Applicants: | Fan et al.  | Examiner:       | Cory C. Bell                    |
| Serial No:  | 10/723,229  | Group Art Unit: | 2164                            |
| Filed:      | November 26, 2003   | Docket:         | YOR9-2003-0429US1<br>(8728-651) |
| For:        | SYSTEM AND METHOD FOR INDEXING WEIGHTED<br>SEQUENCES IN LARGE DATABASES |                 |                                 |

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT UNDER 37 C.F.R. 1.111**

This is a response to the Office Action mailed on April 20, 2007. The claims are amended as follows: